Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. 1. (Currently Amended) A method for ~~tracking and controlling e-mail forwarding of~~
2. ~~an encrypted document generated by a publisher from a user connected to a~~
3. ~~content server to a recipient user,~~allowing a user and a recipient user to securely
4. review content of a document generated by a document publisher and
5. downloaded to a content server accessible to the user, but not to the recipient
6. user, the method comprising:
7. (a) in response to a request from the user, preparing in the content server, an
8. e-mail message that contains a link to the publisher and an identifier for
9. the document, but does not contain the document content;
10. (b) ~~sending~~ using the content server to send the e-mail message to the
11. recipient user wherein, upon receiving the e-mail, the recipient user logs
12. onto a forwarding server at the document publisher, the forwarding server
13. being different from the content server;
14. (c) receiving and resolving the link at the publisher and downloading from the
15. forwarding server a secure viewer program to the recipient user and an
16. encrypted version of the requested document content to the secure viewer
17. program;
18. (d) requesting a decryption key for the encrypted document from the
19. forwarding server with the secure viewer program; and
20. (e) decrypting the encrypted document content and displaying the document
21. content in the secure viewer program.

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1 2. (Original) The method of claim 1 wherein step (a) comprises making the request
2 to forward the encrypted document to the recipient user with a secure viewer
3 running in a browser.

1 3. (Original) The method of claim 1 wherein the link in the e-mail message contains
2 information identifying the sender of the e-mail, the recipient of the e-mail and the
3 encrypted document.

1 4. (Original) The method of claim 3 wherein the information is inserted into the URL
2 of the link to the publisher.

1 5. (Original) The method of claim 3 wherein step (a) comprises encrypting the
2 identifying information in the e-mail message.

1 6. (Original) The method of claim 5 wherein step (a) comprises encrypting the
2 information with a public key of a public/private key pair assigned of the
3 publisher.

1 7. (Original) The method of claim 1 wherein step (b) comprises opening, in a
2 computer of the recipient user, a browser in response to a selection of the link by
3 the recipient user and navigating to the forwarding server.

1 8. (Original) The method of claim 7 wherein step (c) comprises downloading a
2 secure viewer program into the browser in the recipient user's computer.

1 9. (Original) The method of claim 1 wherein step (c) comprises downloading a
2 document identifier to the secure viewer program running in the recipient user's
3 computer.

1 10.   (Original) The method of claim 9 wherein step (d) comprises using the document
2   identifier to request a decryption key from the forwarding server.

1 11.   (Original) The method of claim 10 wherein step (d) further comprises returning
2   the decryption key from the forwarding server to the secure viewer program in
3   response to the document identifier.

1 12.   (Original) The method of claim 1 further comprising logging the information in the
2   e-mail including the sender, the recipient and the document identifier by the
3   forwarding server.

1 13.   (Original) The method of claim 1 wherein the link maintains a count of the
2   number of times it has been selected.

1 14.   (Original) The method of claim 13 wherein the link is a one-time link.

1 15.   (Currently Amended) Apparatus for ~~tracking and controlling e-mail forwarding of~~
2   ~~an encrypted document generated by a publisher from a user connected to a~~
3   ~~content server to a recipient user,~~<u>allowing a user and a recipient user to securely</u>
4   <u>review content of a document generated by a document publisher and</u>
5   <u>downloaded to a content server accessible to the user, but not to the recipient</u>
6   <u>user, the apparatus</u> comprising:
7   means responsive to a request from the user for preparing in the content
8   server, an e-mail message that contains a link to the publisher and an identifier
9   for the document<u>, but does not contain the document content</u>;
10   means <u>in the content server</u> for sending the e-mail message to the
11   recipient user wherein, upon receiving the e-mail, the recipient user logs onto a
12   forwarding server at the document publisher<u>, the forwarding server being</u>
13   <u>different from the content server</u>;

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14   means for receiving and resolving the link at the publisher and

15   <u>downloading from the forwarding server</u> a secure viewer program to the recipient

16   user and an encrypted version of the requested document <u>content</u> to the secure

17   viewer program;

18   means for requesting a decryption key for the encrypted document <u>from</u>

19   <u>the forwarding server</u> with the secure viewer program; and

20   means for decrypting the encrypted document <u>content</u> and displaying the

21   document content in the secure viewer program.

1   16.   (Original) The apparatus of claim 15 wherein the request to forward the

2   encrypted document to the recipient user is made with a secure viewer running in

3   a browser.

1   17.   (Original) The apparatus of claim 15 wherein the link in the e-mail message

2   contains information identifying the sender of the e-mail, the recipient of the e-

3   mail and the encrypted document.

1   18.   (Original) The apparatus of claim 17 wherein the information is inserted into the

2   URL of the link to the publisher.

1   19.   (Original) The apparatus of claim 17 further comprising means for encrypting the

2   identifying information in the e-mail message.

1   20.   (Original) The apparatus of claim 19 wherein the means for encrypting the

2   identifying information comprises means for encrypting the information with a

3   public key of a public/private key pair assigned of the publisher.

1   21.   (Original) The apparatus of claim 15 further comprising means for opening, in a

2   computer of the recipient user, a browser in response to a selection of the link by

3   the recipient user and means for using the browser to navigate to the forwarding

4   server.

1   22.   (Original) The apparatus of claim 21 wherein the means for downloading a

2   secure viewer program comprises means for downloading a secure viewer

3   program into the browser in the recipient user's computer.

1   23.   (Original) The apparatus of claim 15 wherein the means for downloading an

2   encrypted version of the requested document to the secure browser program

3   comprises means for downloading a document identifier to the secure viewer

4   program running in the recipient user's computer.

1   24.   (Original) The apparatus of claim 23 wherein the means for requesting a

2   decryption key comprises means for using the document identifier to request a

3   decryption key from the forwarding server.

1   25.   (Original) The apparatus of claim 24 wherein the means for requesting a

2   decryption key further comprises means for returning the decryption key from the

3   forwarding server to the secure viewer program in response to the document

4   identifier.

1   26.   (Original) The apparatus of claim 15 further comprising means for logging the

2   information in the e-mail including the sender, the recipient and the document

3   identifier by the forwarding server.

1   27.   (Original) The apparatus of claim 15 wherein the link maintains a count of the

2   number of times it has been selected.

1   28.   (Original) The apparatus of claim 27 wherein the link is a one-time link.

1   29.   (Currently Amended) A computer program product for ~~tracking and controlling e-~~

2   ~~mail forwarding of an encrypted document generated by a publisher from a user~~

3   ~~connected to a content server to a recipient user,~~allowing a user and a recipient

4   user to securely review content of a document generated by a document

5   publisher and downloaded to a content server accessible to the user, but not to

6   the recipient user, the computer program product comprising a computer ~~usable~~

7   storage medium having computer readable program code thereon, including:

8   program code operable in response to a request from the user, for

9   preparing in the content server, an e-mail message that contains a link to the

10   publisher and an identifier for the document, but does not contain the document

11   content;

12   program code for ~~sending~~ controlling the content server to send the e-mail

13   message to the recipient user wherein, upon receiving the e-mail, the recipient

14   user logs onto a forwarding server at the document publisher, the forwarding

15   server being different from the content server;

16   program code for receiving and resolving the link at the publisher and

17   downloading from the forwarding server a secure viewer program to the recipient

18   user and an encrypted version of the requested document content to the secure

19   viewer program;

20   program code for requesting a decryption key for the encrypted document

21   from the forwarding server with the secure viewer program; and

22   program code for decrypting the encrypted document content and

23   displaying the document content in the secure viewer program.

1   30.   (Original) The computer program product of claim 29 wherein the program code

2   for preparing an e-mail message comprises a secure viewer program running in

3   a browser that makes the request to forward the encrypted document to the

4   recipient user.

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1   31.   (Original) The computer program product of claim 29 wherein the link in the e-

2   mail message contains information identifying the sender of the e-mail, the

3   recipient of the e-mail and the encrypted document.

1   32.   (Original) The computer program product of claim 31 wherein the information is

2   inserted into the URL of the link to the publisher.

1   33.   (Original) The computer program product of claim 31 wherein the program code

2   for preparing an e-mail message comprises program code for encrypting the

3   identifying information in the e-mail message.

1   34.   (Original) The computer program product of claim 33 wherein the program code

2   for preparing an e-mail message comprises program code for encrypting the

3   information with a public key of a public/private key pair assigned of the

4   publisher.

1   35.   (Original) The computer program product of claim 29 wherein the program code

2   for sending the e-mail message to the recipient user comprises program code for

3   opening, in a computer of the recipient user, a browser in response to a selection

4   of the link by the recipient user and navigating to the forwarding server.

1   36.   (Original) The computer program product of claim 35 wherein the program code

2   for downloading a secure viewer program to the recipient user comprises

3   program code for downloading a secure viewer program into the browser in the

4   recipient user's computer.

1   37.   (Original) The computer program product of claim 29 wherein the program code

2   for downloading a secure viewer program to the recipient user comprises

3   program code for downloading a document identifier to the secure viewer

4   program running in the recipient user's computer.

1   38.   (Original) The computer program product of claim 37 wherein the program code

2   for requesting a decryption key for the encrypted document comprises program

3   code for using the document identifier to request a decryption key from the

4   forwarding server.

1   39.   (Original) The computer program product of claim 38 wherein the program code

2   for requesting a decryption key for the encrypted document further comprises

3   program code for returning the decryption key from the forwarding server to the

4   secure viewer program in response to the document identifier.

1   40.   (Original) The computer program product of claim 29 further comprising program

2   code for logging the information in the e-mail including the sender, the recipient

3   and the document identifier by the forwarding server.

1   41.   (Original) The computer program product of claim 29 wherein the link maintains a

2   count of the number of times it has been selected.

1   42.   (Original) The computer program product of claim 41 wherein the link is a one-

2   time link.